

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (cancelled)
2. (currently amended) The system of claim 12, wherein ~~said the~~ remote server ~~causes is~~ adapted to cause transmission of a decryption key to ~~said the~~ requesting subscriber via ~~said subscriber side distribution network~~, ~~said the~~ decryption key being necessary to decrypt ~~said fully encrypted the~~ video program in the second encrypted form.
3. (currently amended) The system of claim 12, wherein ~~said fully encrypted the~~ video program in the second encrypted form is encrypted according to a public key associated with ~~said the~~ requesting subscriber, ~~said the~~ public key having an associated with it a private key necessary to decrypt ~~said fully encrypted the~~ video program in the second encrypted form.
4. (currently amended) The system of claim 12, wherein ~~said fully encrypted the~~ video program in the second encrypted form is encrypted according to a private key associated with ~~said the~~ requesting subscriber, ~~said the~~ private key having an associated with it a public key necessary to decrypt ~~said fully encrypted the~~ video program in the second encrypted form.
5. (currently amended) The system of claim 12, wherein ~~said fully encrypted the~~ video program in the second encrypted form is encrypted according to a public key, ~~said the~~ public key having an associated with it a private key necessary to decrypt ~~said fully encrypted the~~ video program in the second encrypted form, ~~said the~~ system further comprising:

~~said the~~ remote server transmitting ~~said the~~ private key to ~~said the~~ requesting subscriber.
6. (currently amended) The system of claim 5, wherein ~~said public the private~~ key is encrypted prior to transmission to ~~said the~~ requesting subscriber.

7. (currently amended) The system of claim 12, wherein ~~said fully encrypted the remote server is adapted to transmit the video program in the second encrypted form is transmitted to said the requesting subscriber via a first communications channel and said is adapted to transmit a decryption key is transmitted to said the requesting subscriber via a second communications channel.~~

8. (currently amended) The system of claim 12, wherein ~~said fully encrypted the video program in the second encrypted form~~ is encrypted according to a Data Encryption Standard (DES).

9. (currently amended) The system of claim 12, wherein ~~said the remote server multiplexes said fully encrypted is adapted to multiplex the video program in the second encrypted form and other signals to create a multiplexed signal for transmission to said the requesting subscriber.~~

10. (currently amended) The system of claim 12, further comprising the at least one programming source, wherein the at least one programming source comprises at least one of a television broadcasting source, a premium broadcast source, and a video-on-demand source.

11. (cancelled)

12. (new) An interactive information distribution system comprising:

a distribution center comprising a remote server;

the remote server configured to store in storage a video program encrypted in a first encrypted form received from at least one programming source which is located remote from the remote server,

the remote server configured to retrieve the video program encrypted in the first encrypted form from the storage and processing the video program encrypted in the first encrypted form responsive to a subscriber request to produce a decrypted video program,

the remote server configured to process the decrypted video program to produce a video program in a second encrypted form; and

the remote server configured to transmit the video program in the second encrypted form to the requesting subscriber.

13. (new) An interactive information distribution system having at least one programming source, comprising:

a distribution center comprising a remote server;

the remote server configured to process a video program encrypted in the first encrypted form received from at least one programming source, which is located remote from the remote server, to produce a decrypted video program,

the remote server configured to process the decrypted video program to produce a video program in a second encrypted form; and

the remote server storing the video program encrypted in the second encrypted form in storage, and

the remote server, in response to a subscriber request, configured to retrieve the video program in the second encrypted form from storage and configured to transmit the video program in the second encrypted form to the requesting subscriber.

14. (new) The system of claim 13, wherein the remote server is adapted to cause transmission of a decryption key to the requesting subscriber, the decryption key being necessary to decrypt the video program in the second encrypted form.

15. (new) The system of claim 13, wherein the video program in the second encrypted form is encrypted according to a public key, the public key having associated with it a private key necessary to decrypt the video program in the second encrypted form, the system further comprising:

the remote server transmitting the private key to the requesting subscriber.

16. (new) The system of claim 15, wherein the private key is encrypted prior to transmission to the requesting subscriber.

17. (new) The system of claim 13, wherein the remote server is adapted to transmit the video program in the second encrypted form to the requesting subscriber via a first communications channel and adapted to transmit a decryption key to the requesting subscriber via a second communications channel.

18. (new) The system of claim 13, wherein the video program in the second encrypted form is encrypted according to a Data Encryption Standard (DES).

19. (new) The system of claim 13, wherein the remote server is adapted to multiplex the video program in the second encrypted form and other signals to create a multiplexed signal for transmission to the requesting subscriber.

20. (new) The system of claim 13, further comprising the at least one programming source, wherein the at least one programming source comprises at least one of a television broadcasting source, a premium broadcast source, and a video-on-demand source.